APPROVED
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CLASS SUBCLASS
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FIG.1A

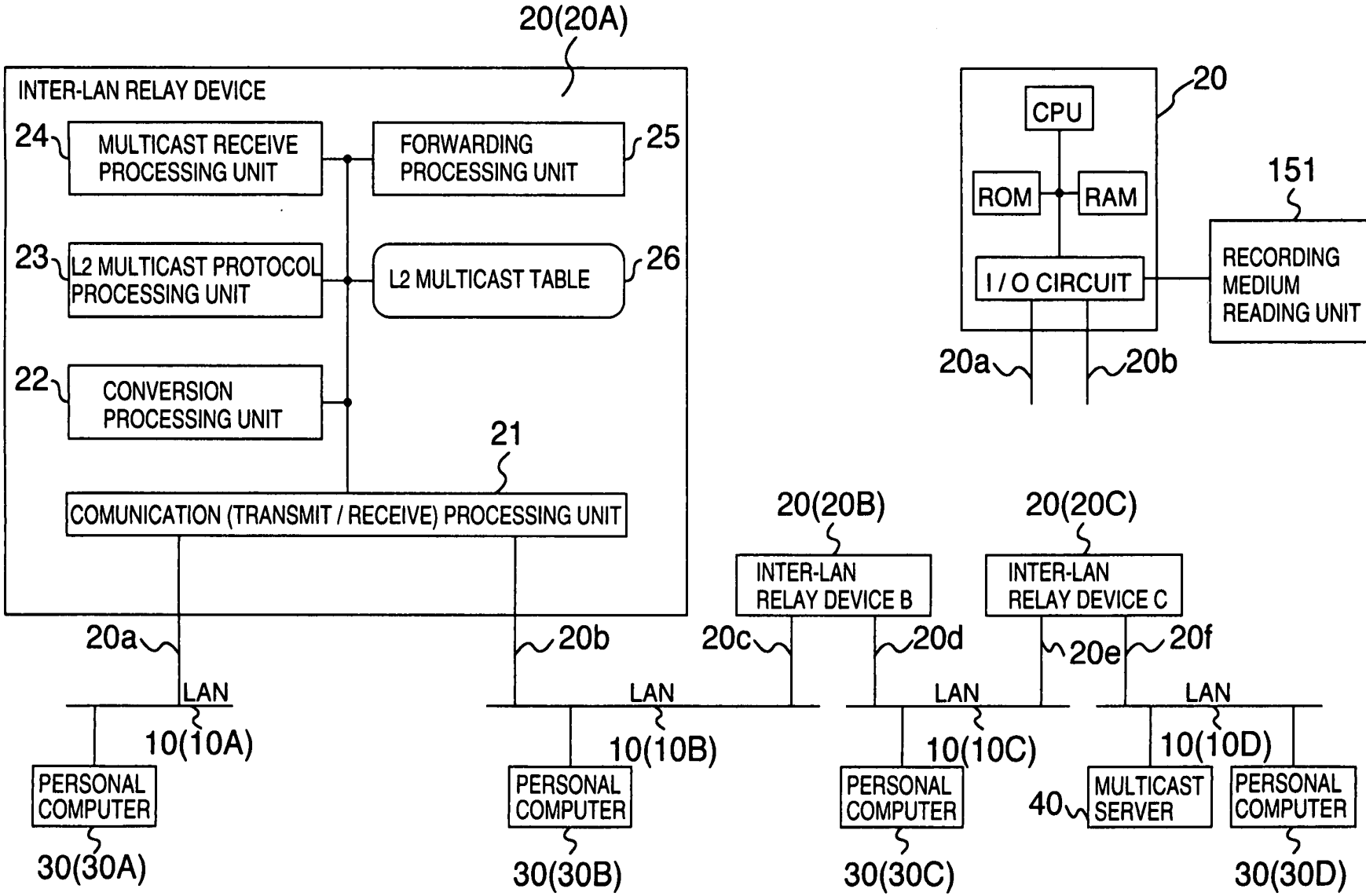

FIG.1B

E 4759

6002DE 'SZ2T2MOD

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BY
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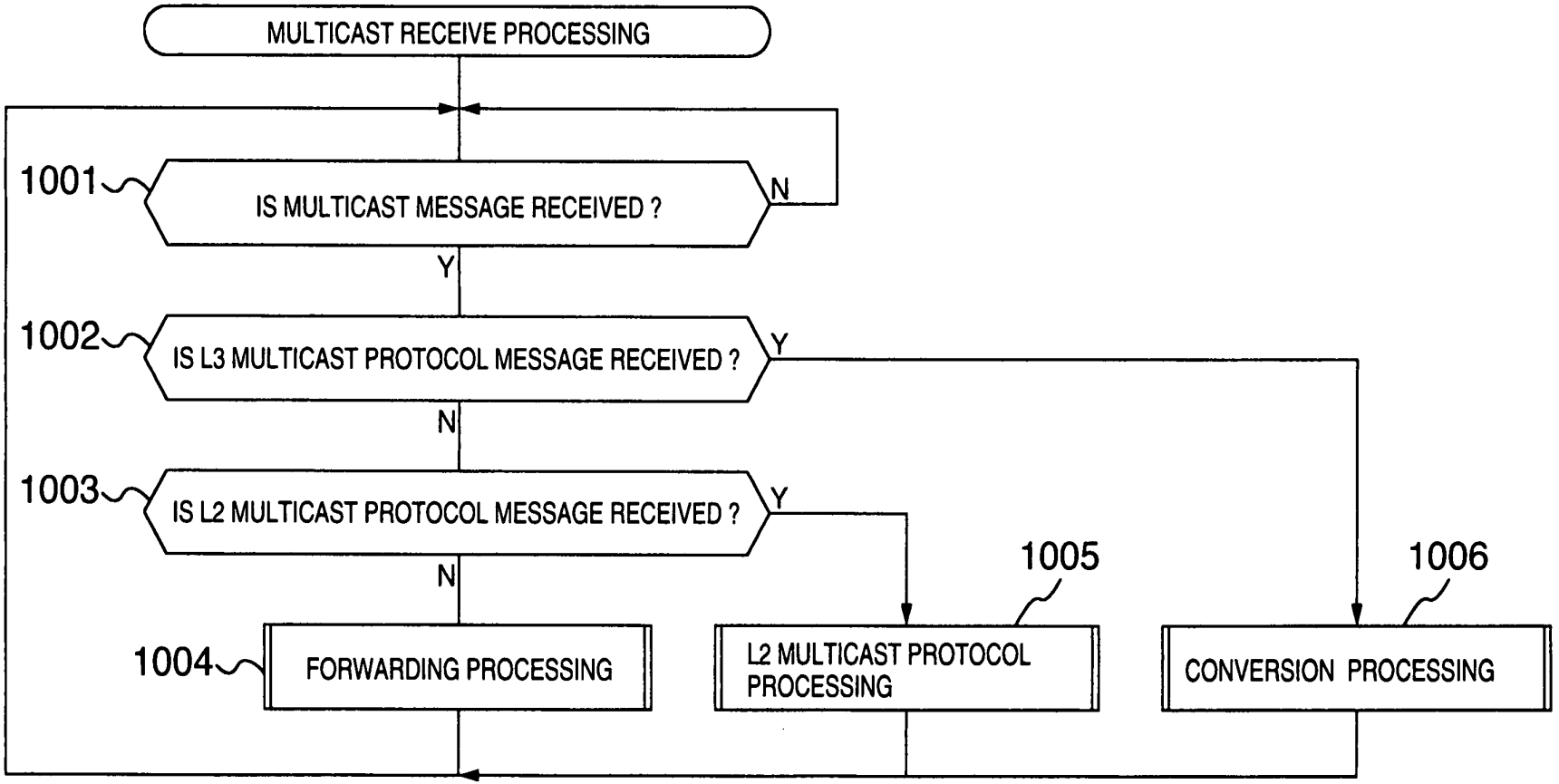
O.G. FIG.
CLASS
SUBCLASS

FIG.2



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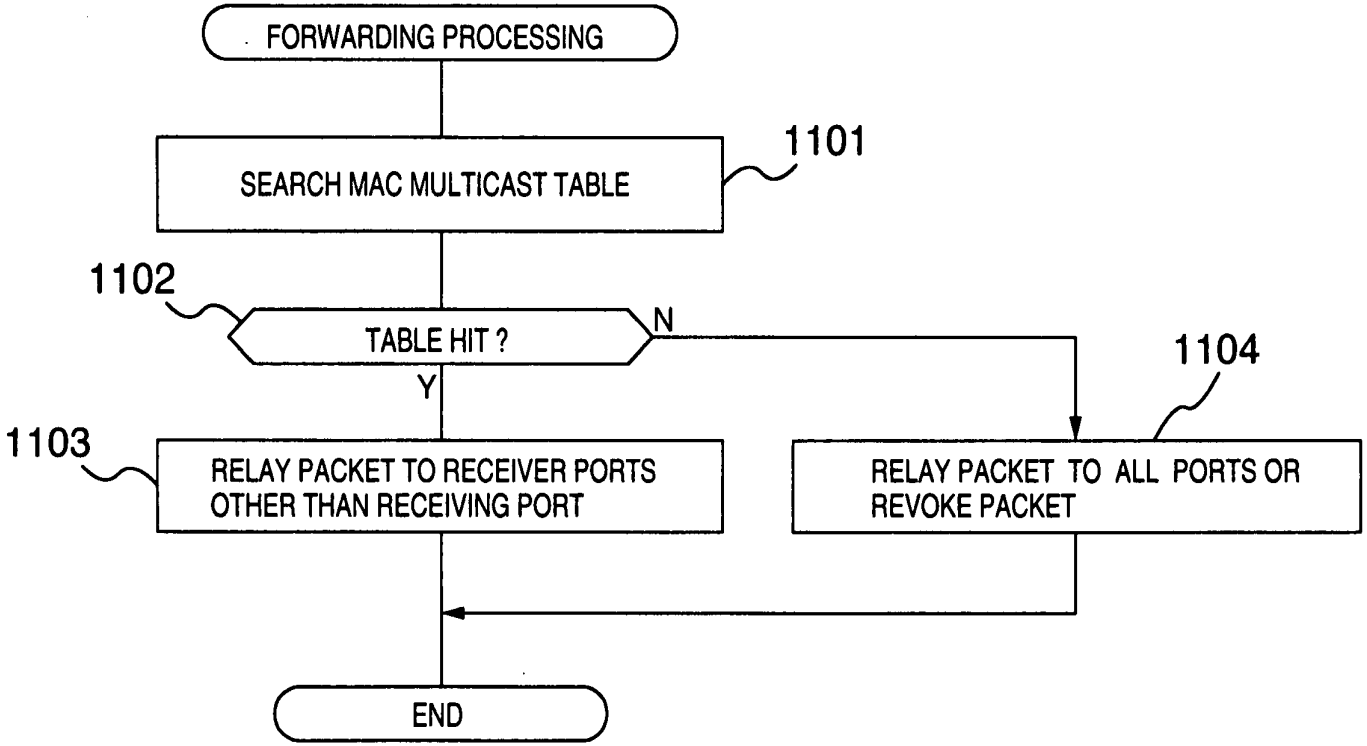
SUBCLASS

FIG.3



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BY
DRAFTSMAN
CLASS SUBCLASS

FIG.4

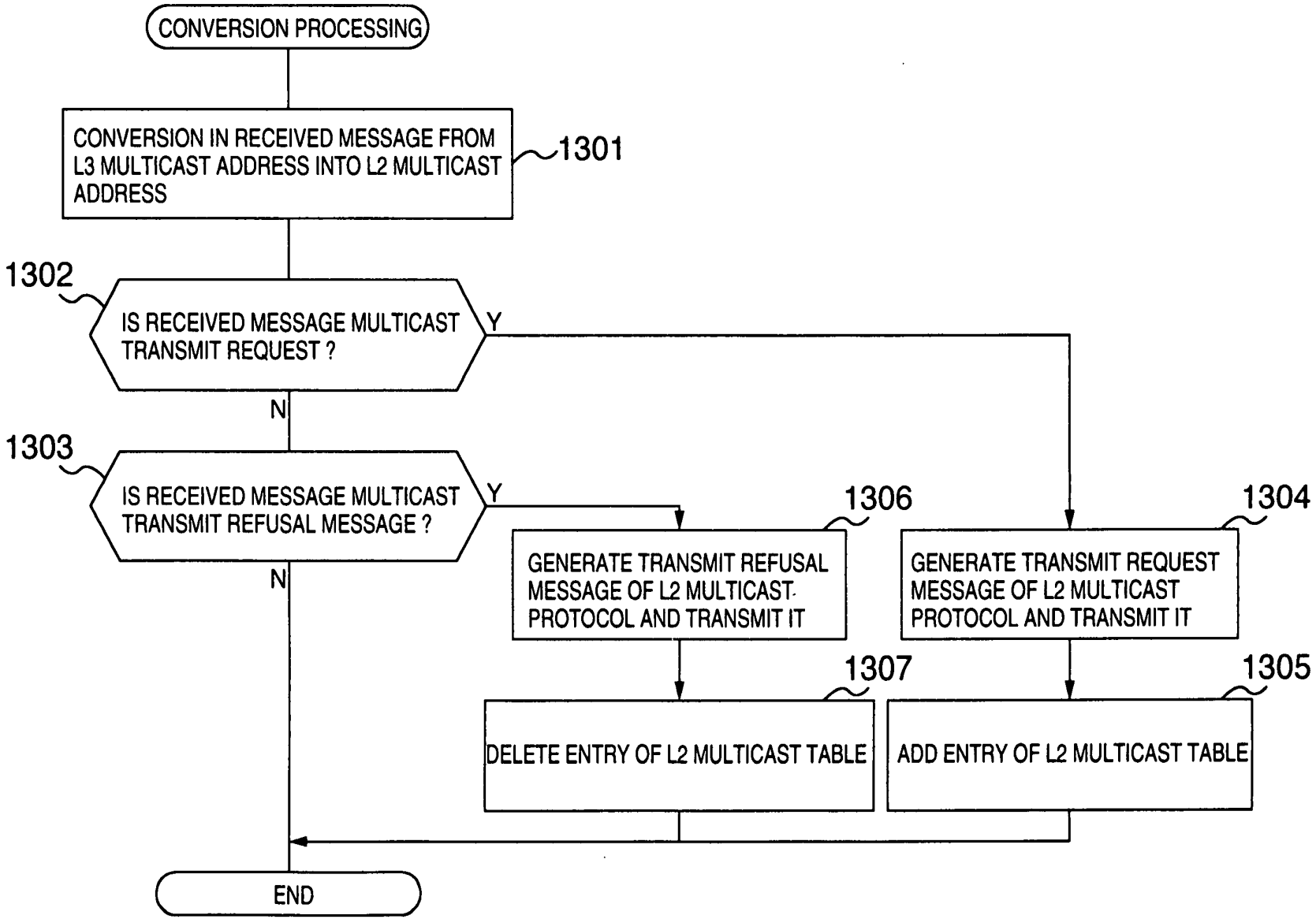

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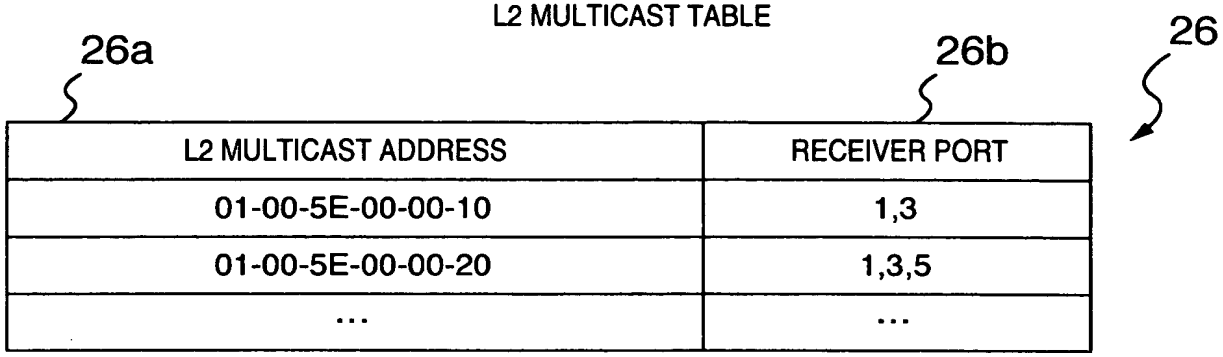
FIG.5

L2 MULTICAST TABLE



L2 MULTICAST ADDRESS	RECEIVER PORT
01-00-5E-00-00-10	1,3
01-00-5E-00-00-20	1,3,5
...	...

FIG.6

IGMP MESSAGE FORMAT

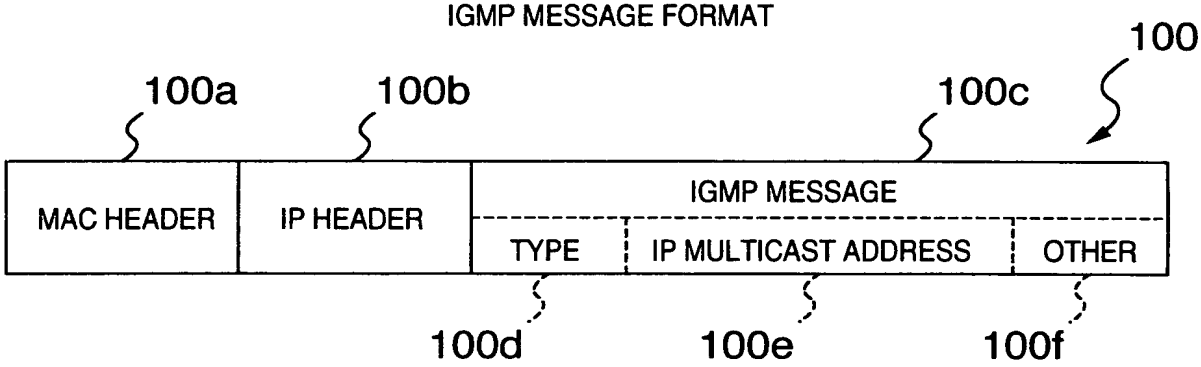


FIG.7

TYPE OF IGMP MESSAGE

110

TYPE VALUE	TYPE
0x11	Membership Query
0x12	Version1 Membership Report
0x16	Version2 Membership Report
0x17	VErsion2 Leave Group
0x22	Version3 Membership Report

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O.G. FIG.
CLASS SUBCLASS

FIG.8

GMRP MESSAGE FORMAT

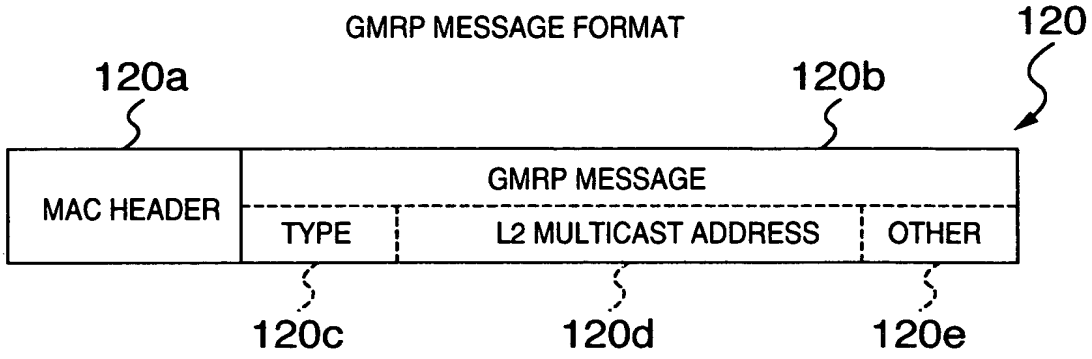

FIG.9

TYPE OF GMRP MESSAGE

130

TYPE VALUE	TYPE
0x0	LeaveAll
0x1	JoinEmpty
0x2	JoinIn
0x3	LeaveEmpty
0x4	LeaveIn
0x5	Empty

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O.G. FIG.
CLASS
SUBCLASS

FIG.10A

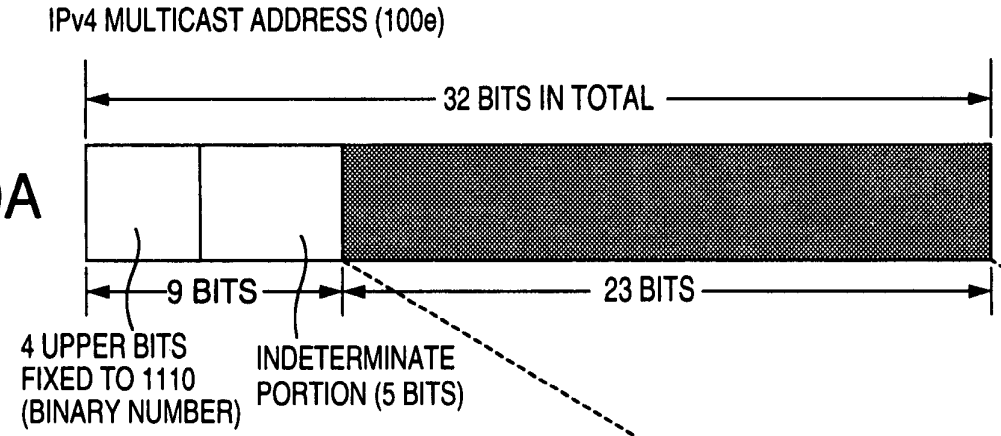
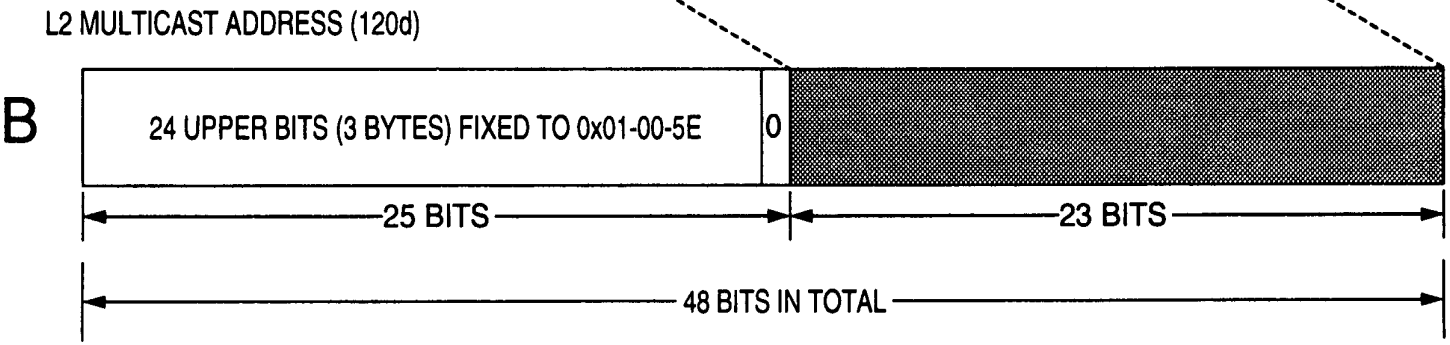
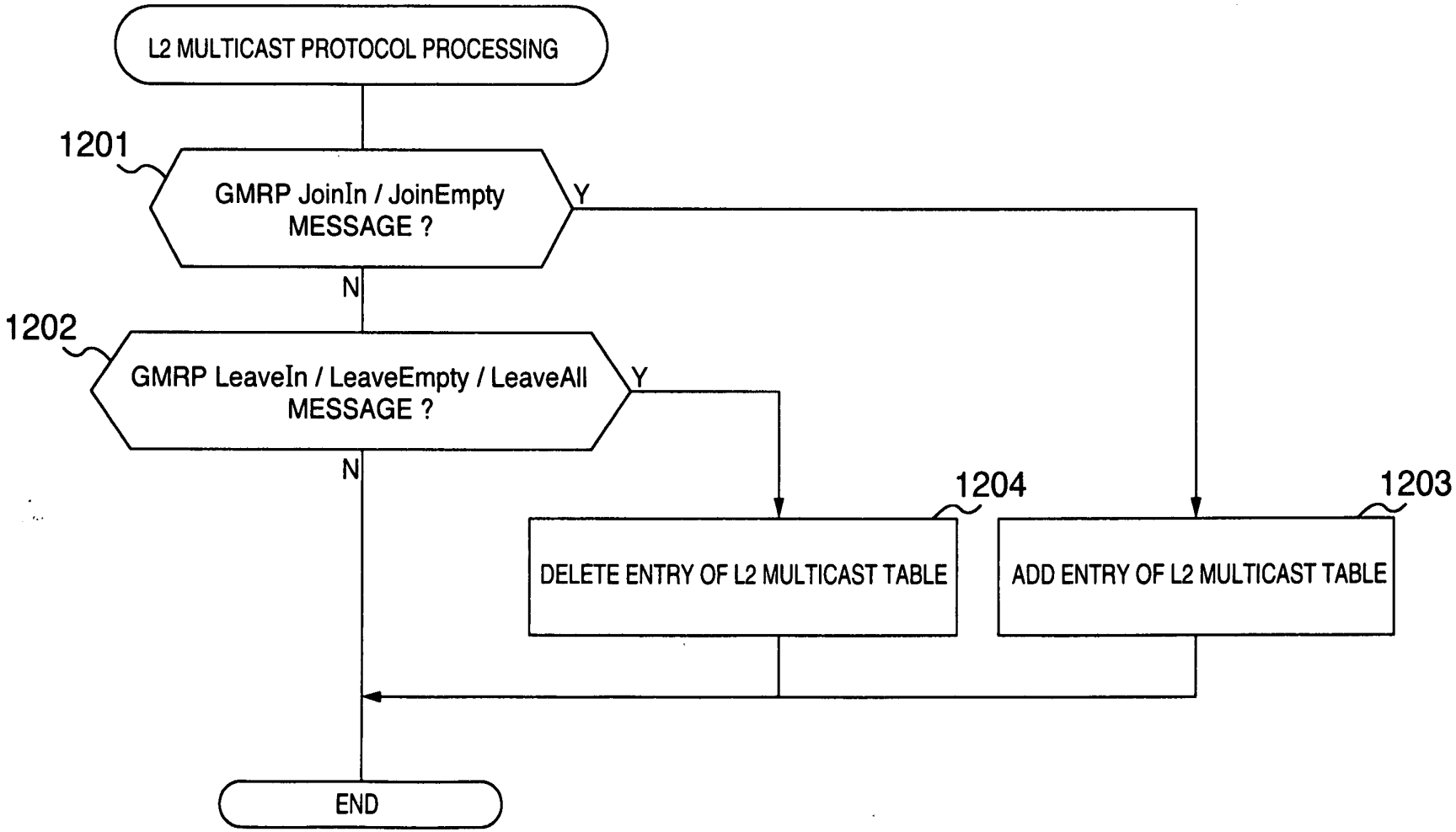


FIG.10B



APPROVED
O.G. FIG.
BY
CLASS
SUBCLASS
DRAFTSMAN

FIG.11



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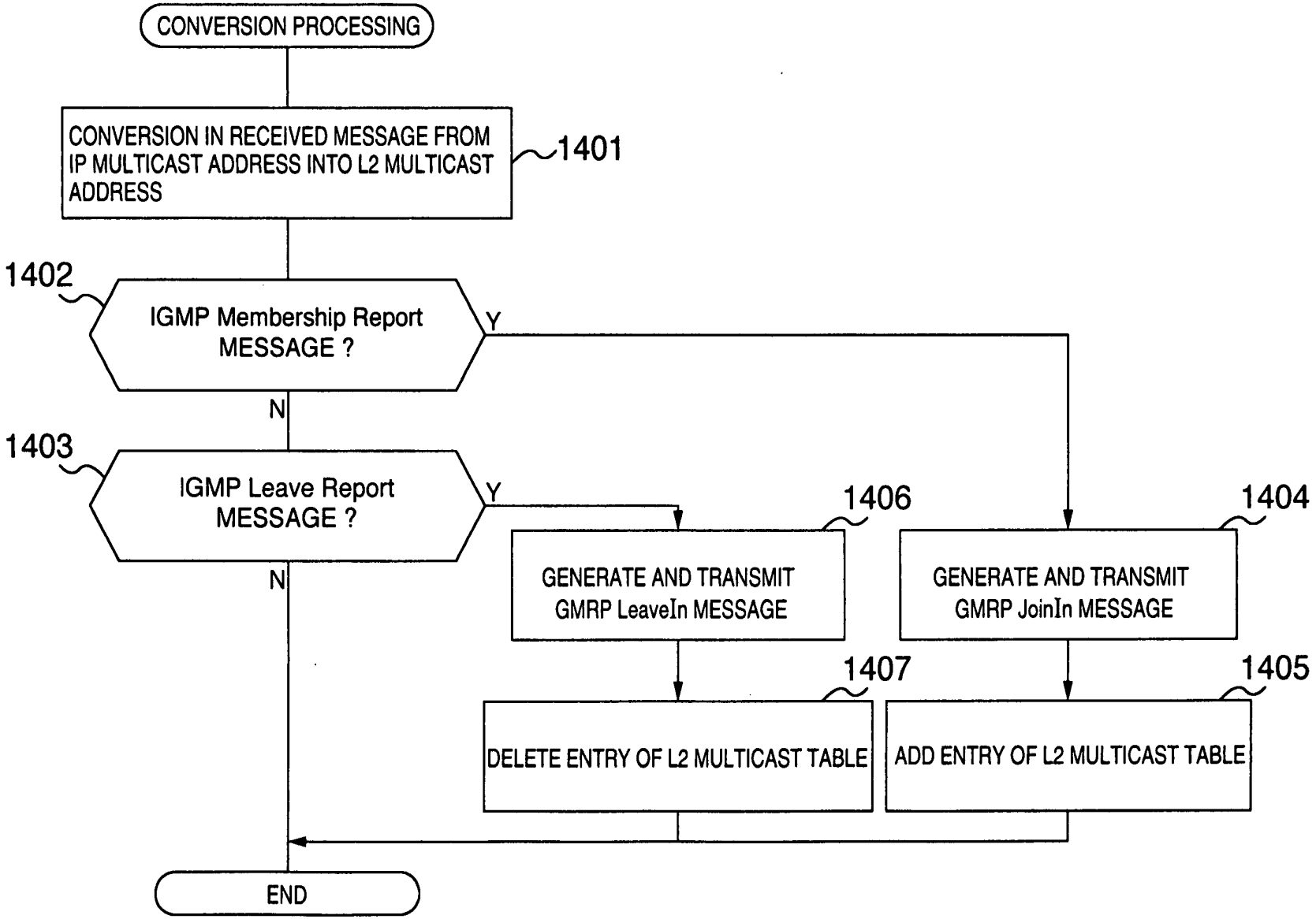
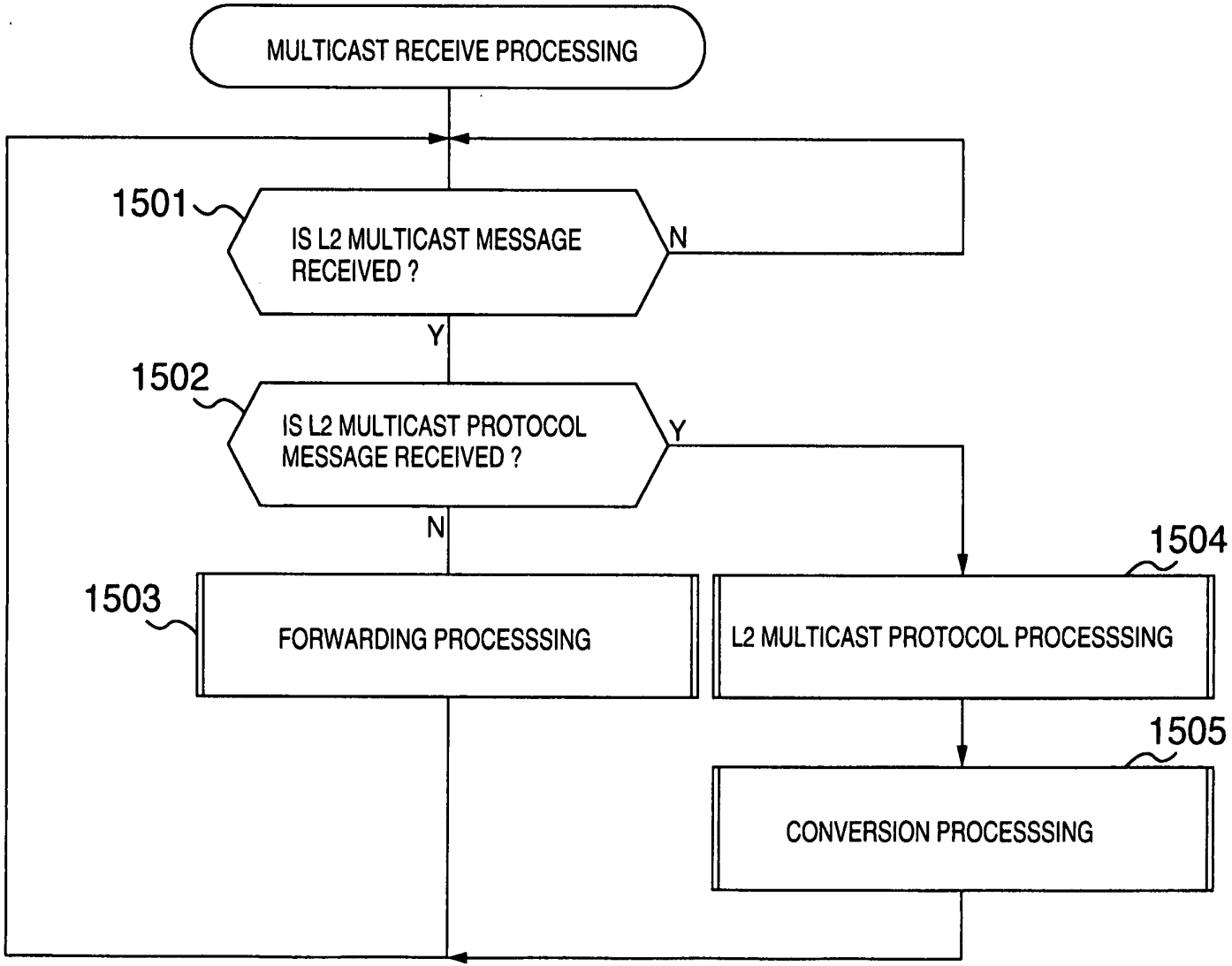
O.G. FIG.
CLASS SUBCLASS

FIG.12



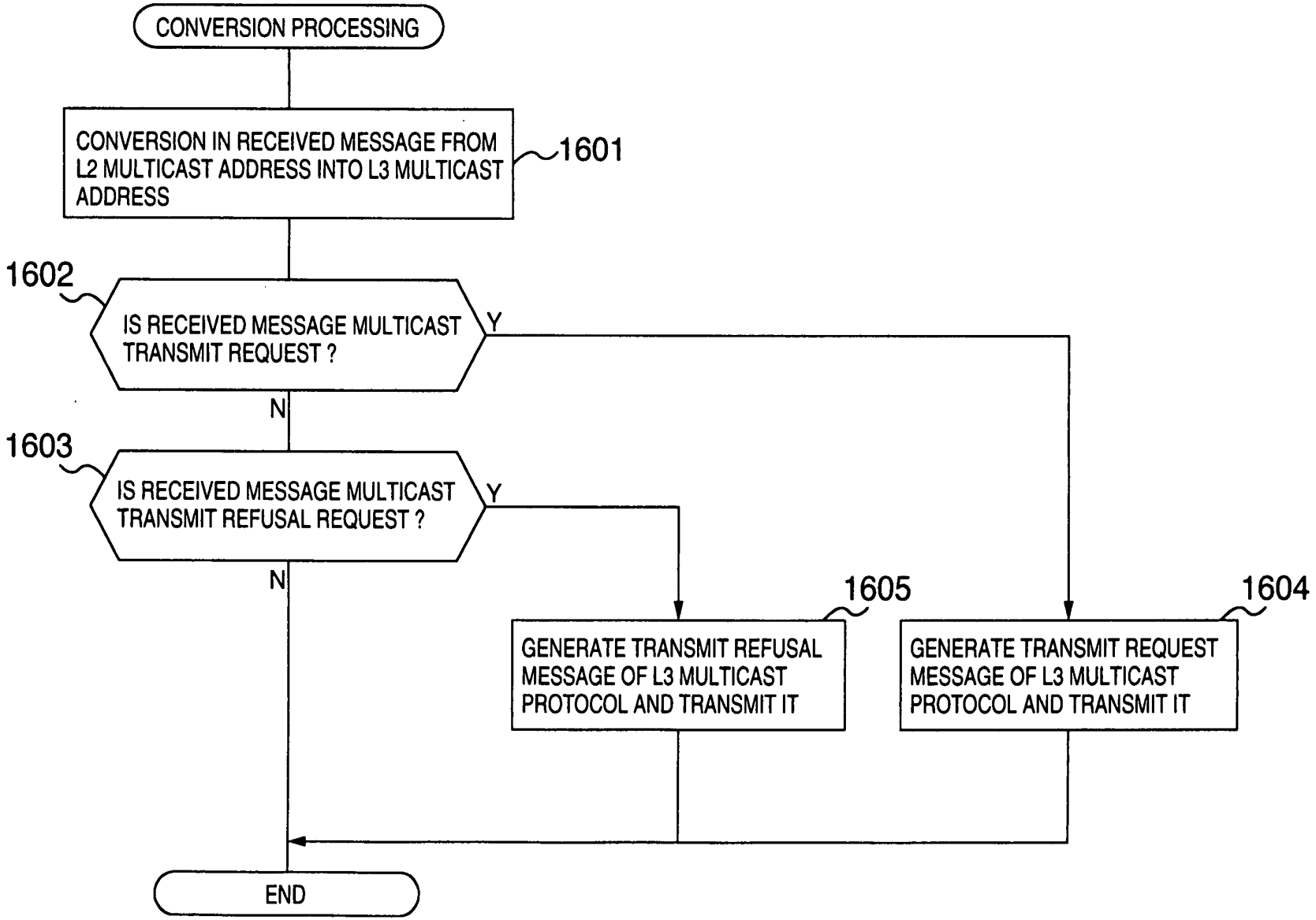
APPROVED BY DRAFTSMAN
O.G. FIG.
CLASS SUBCLASS

FIG.13



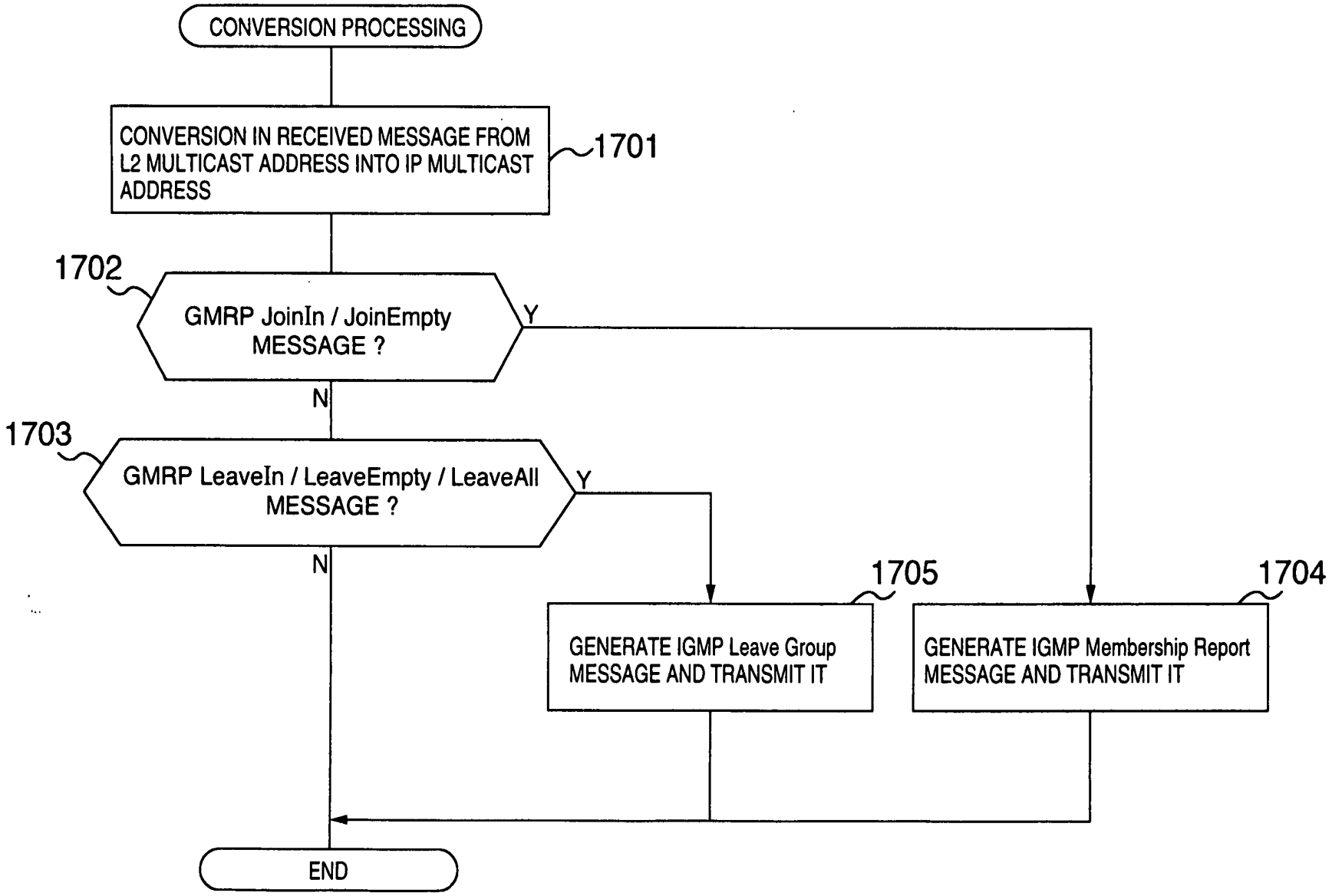
APPROVED O.G. FIG.
BY CLASS SUBCLASS
DRAFTSMAN

FIG.14



APPROVED O.G. FIG.
BY
DRAFTSMAN
CLASS SUBCLASS

FIG.15



APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG.16A

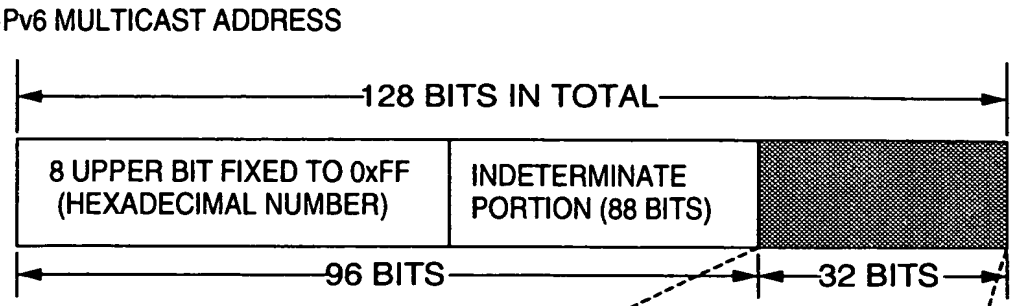


FIG.16B

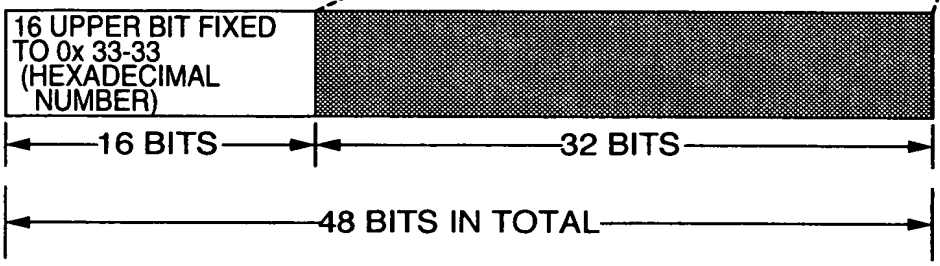
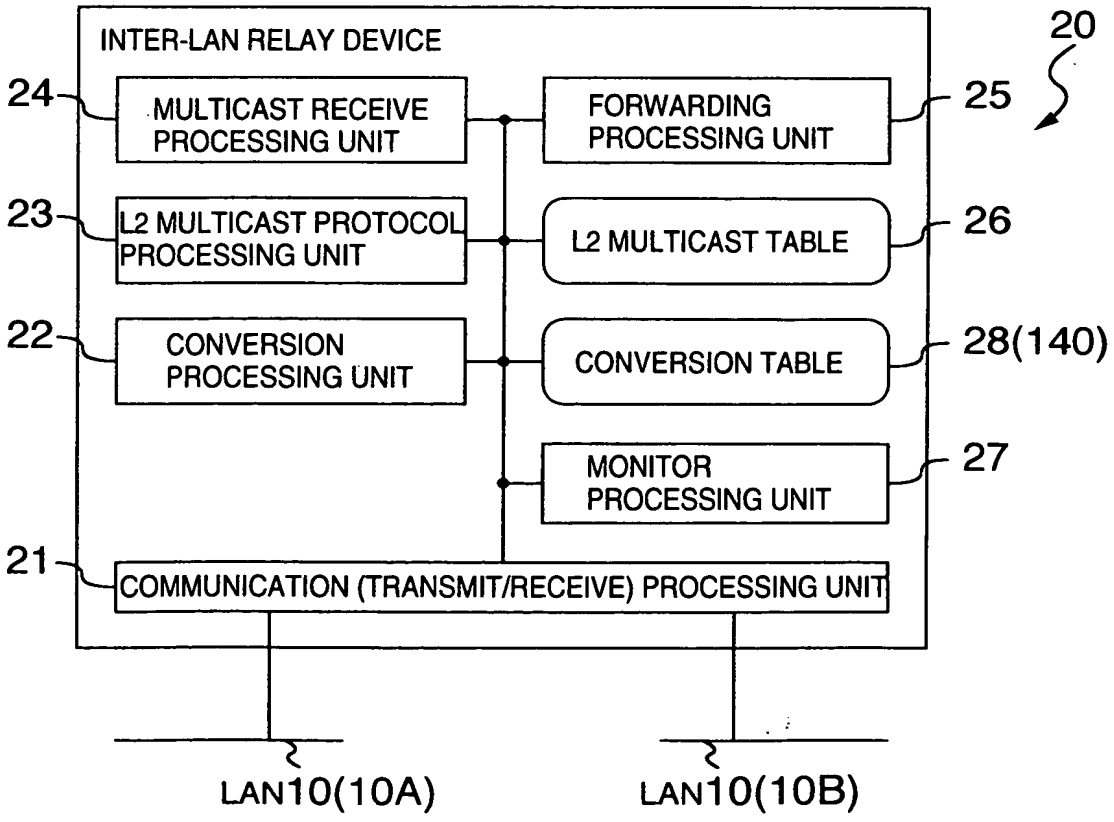


FIG.17



APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

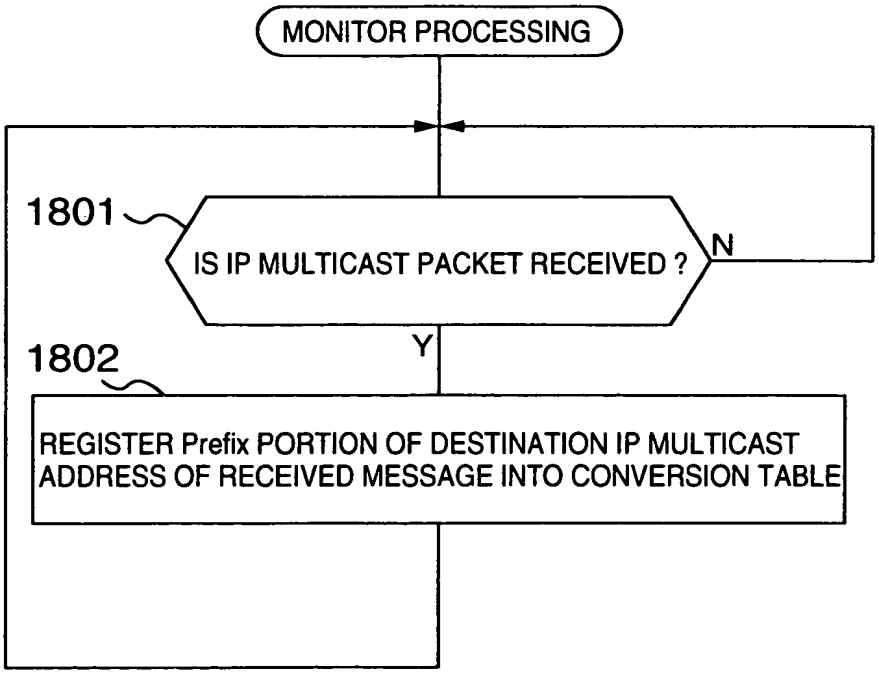
FIG.18

140

CONVERSION TABLE

Prefix ADDRESS
111000000 (BINARY NUMBER)
111000001 (BINARY NUMBER)
.....

FIG.19



APPROVED O.G. FIG.
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CLASS SUBCLASS

FIG.20

TABLE FOR CONVERSION BETWEEN L2 AND L3 MULTICAST PROTOCOL MESSAGES

150

L2 PROTOCOL / L3 PROTOCOL		GMRP	
		Join	Leave
GROUP JOIN / LEAVE PROTOCOL	IGMP	Membership Report	Leave Group
	MLD	Multicast Listener Report	Multicast Listener Done
ROUTING PROTOCOL	DVMRP	Graft	Prune
	PIM-SM	Join / Prune	Join / Prune
	PIM-DM	Graft	Join / Prune
	CBT	JOIN _REQUEST	QUIT_NOTIFICATION
	MOSPF	Group-membership-LSA	——

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O.G. FIG.
CLASS SUBCLASS

FIG.21

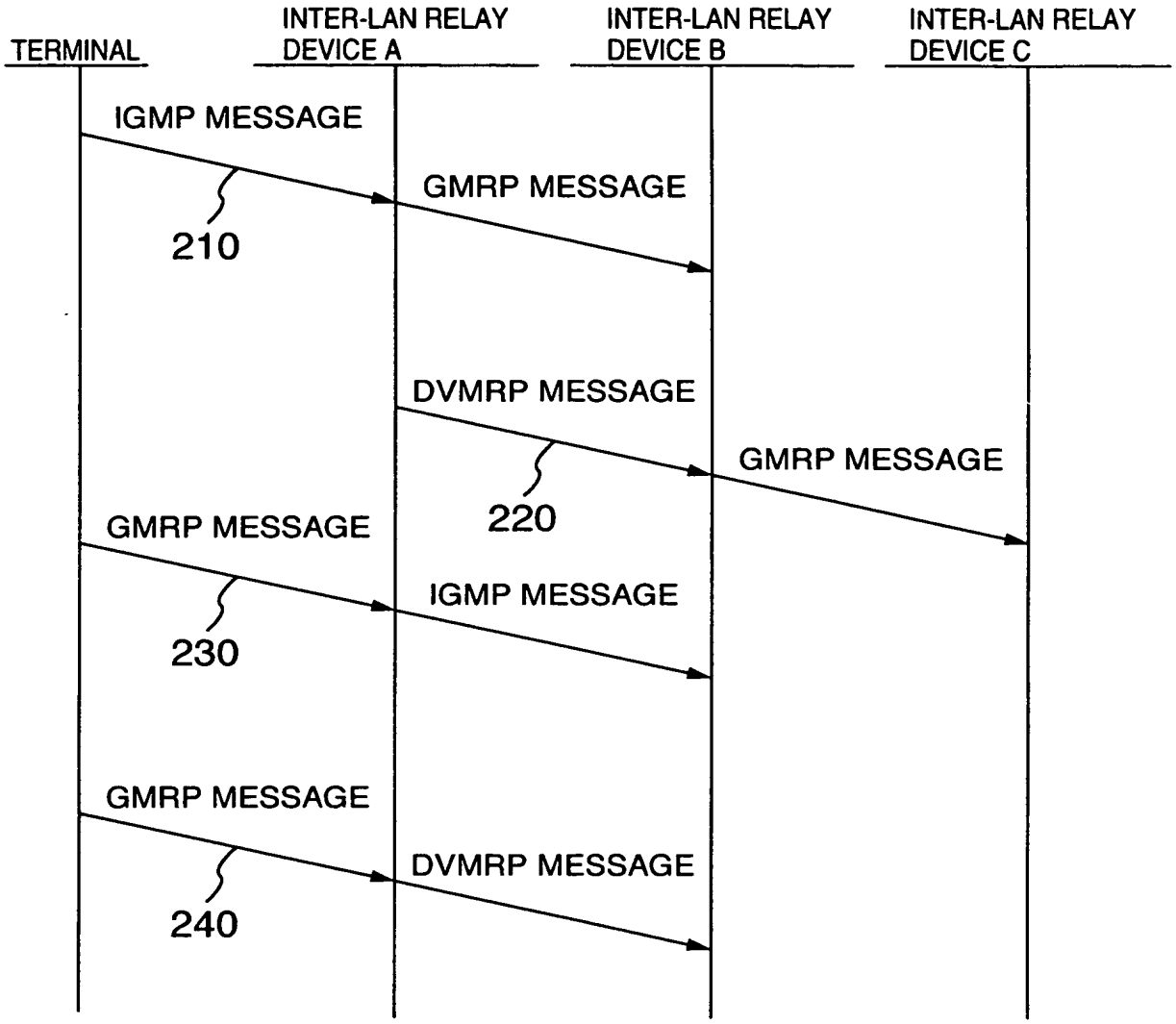
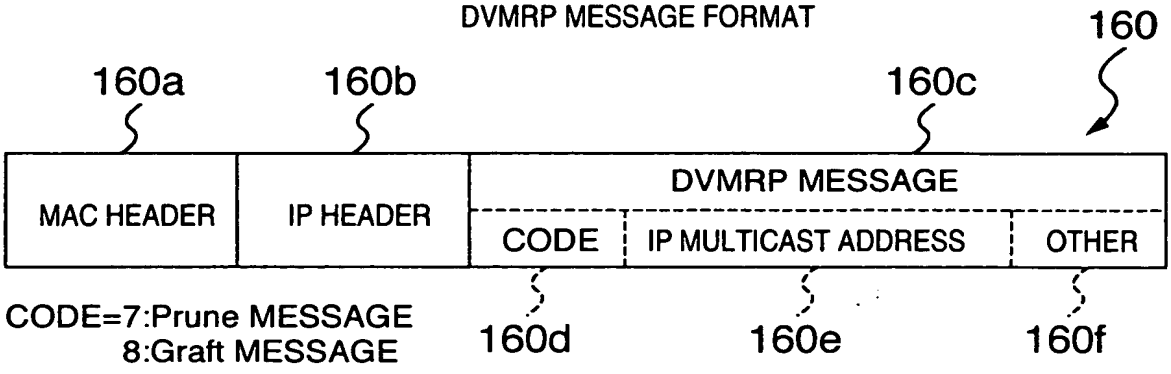


FIG.22



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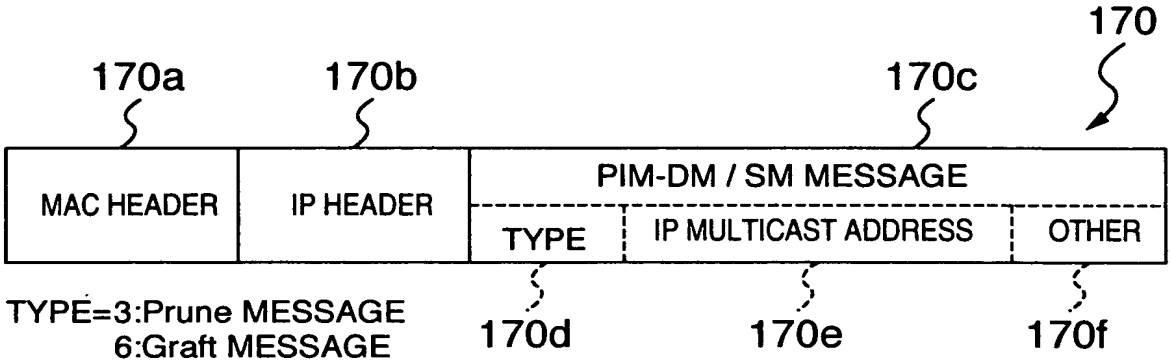
O.G. FIG
CLASS SUBCLASS

FIG.23

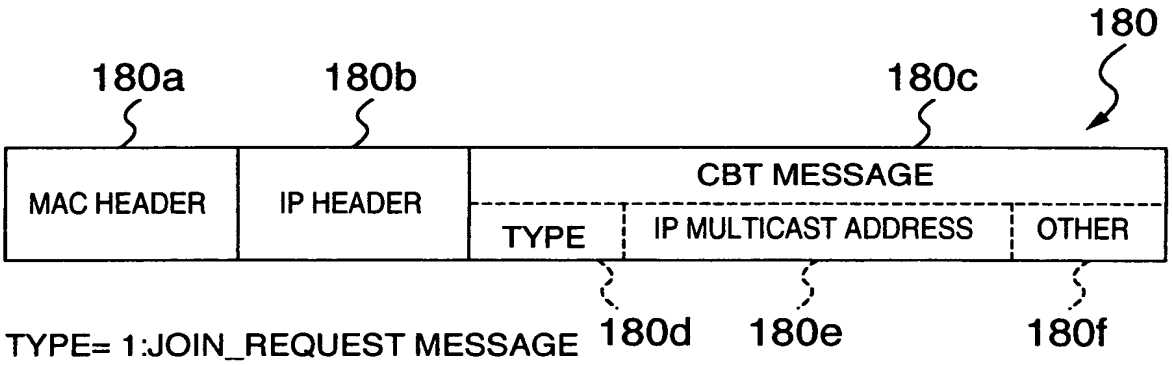
PIM-DM/PIM-SM MESSAGE FORMAT



TYPE=3:Prune MESSAGE
6:Graft MESSAGE

FIG.24

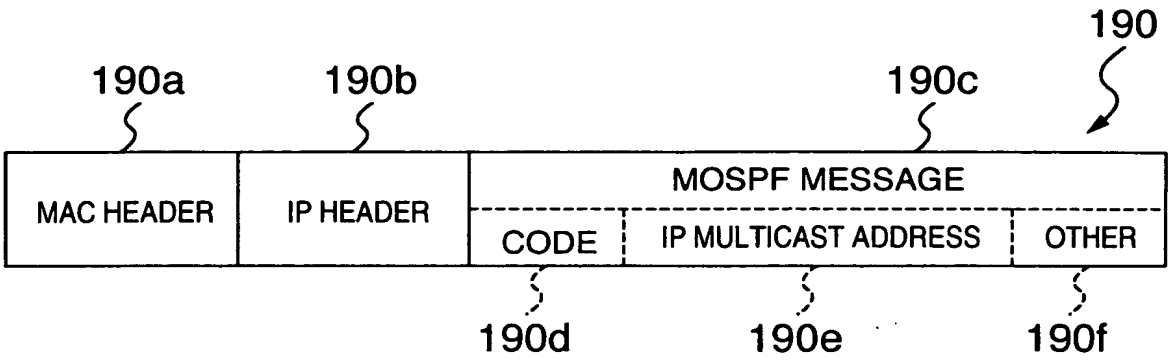
CBT MESSAGE FORMAT



TYPE= 1:JOIN_REQUEST MESSAGE
3:QUIT_NOTIFICATION MESSAGE

FIG.25

MOSPF MESSAGE FORMAT

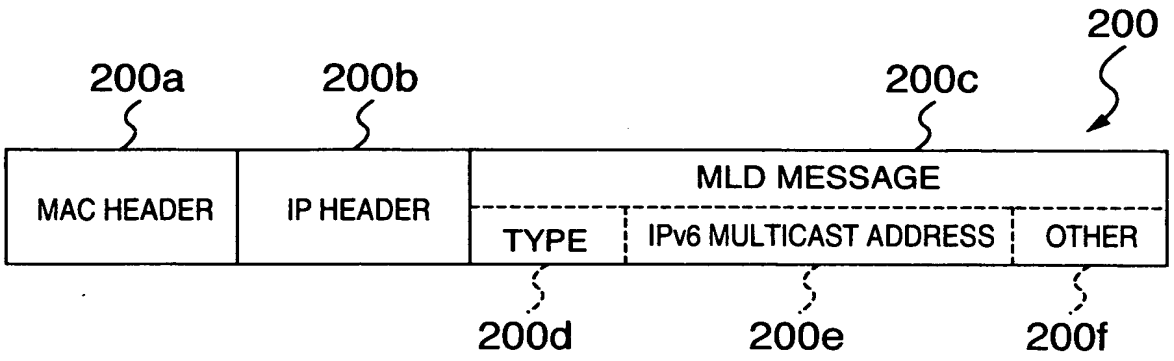


TYPE=6:Group-membership-LSA MESSAGE

APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG.26

MLD MESSAGE FORMAT



TYPE=131:Multicast Listener Report MESSAGE
132:Multicast Listener Done MESSAGE

0 0 0 0 0 0 0 4 - 0 5 0 7 2 6 0 0

FIG.27

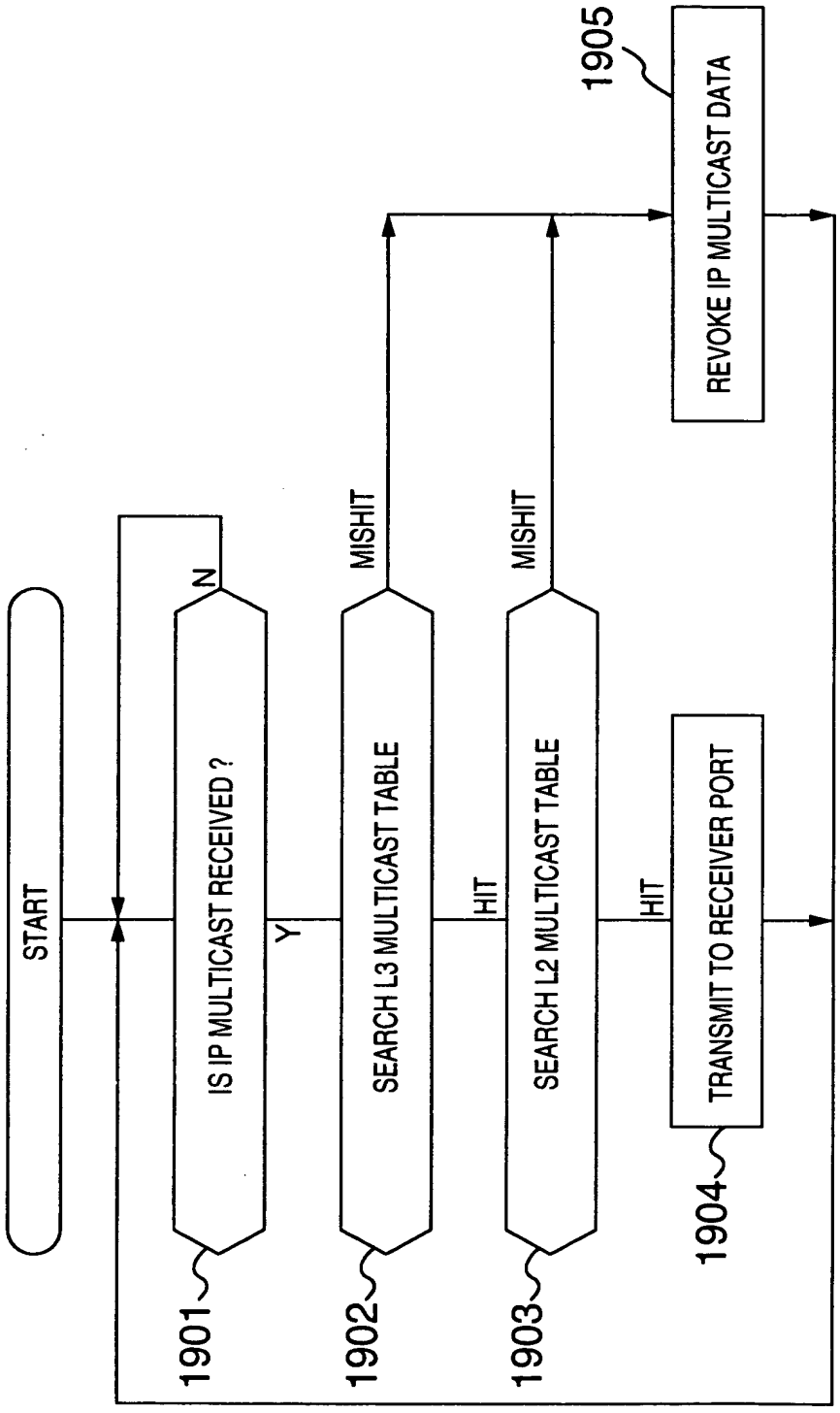
L3 MULTICAST TABLE

IP MULTICAST ADDRESS	RECEIVER IP SUBNET
DESTINATION ADDRESS	SUBNET MASK LIST
⋮	⋮

250a 250b

APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG.28



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O.G. FIG.
CLASS
SUBCLASS

FIG.29A

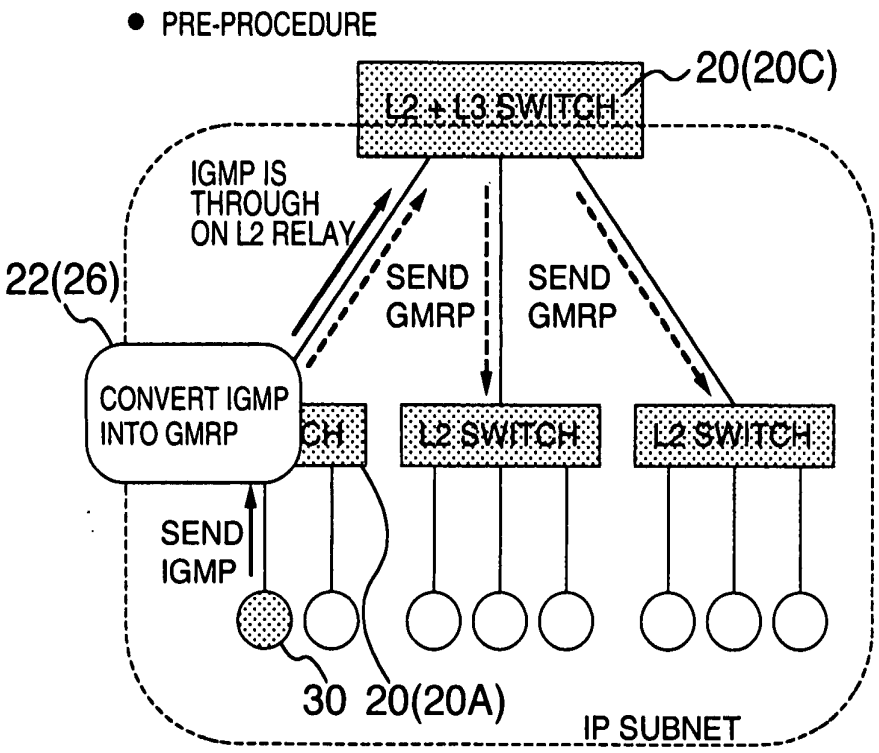
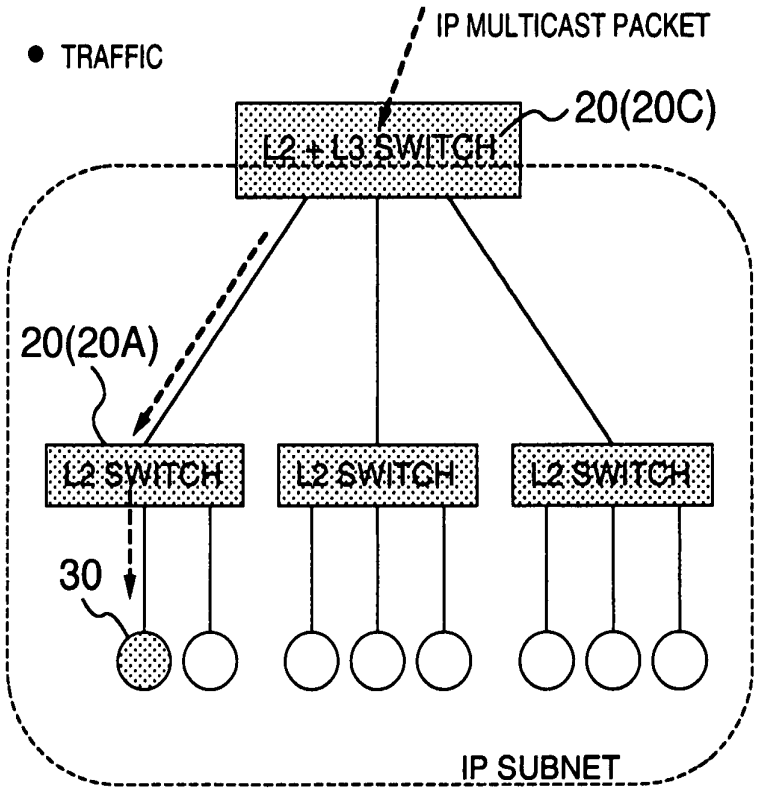


FIG.29B



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O.G. FIG. CLASS SUBCLASS

FIG.30A

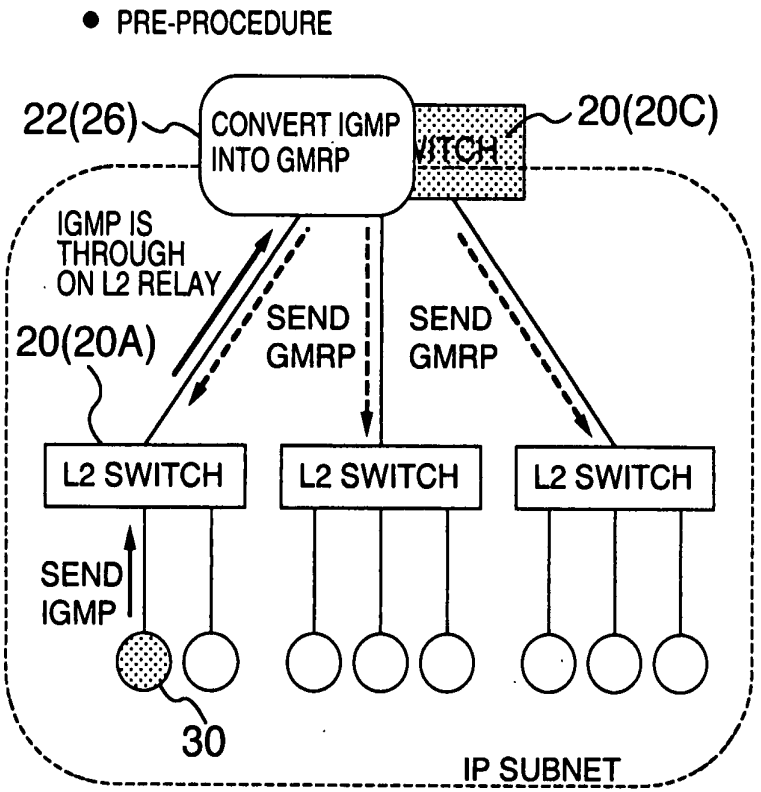
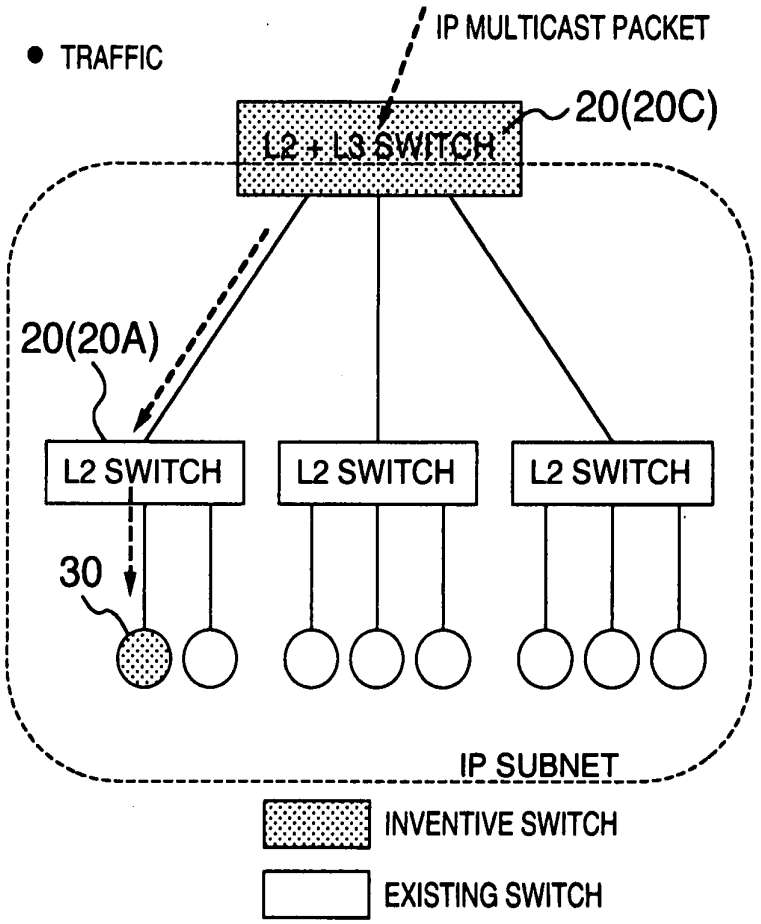
FIG.30B